

Division of  
**PULP & PAPER**

**LEADERS  
IN BIOTECHNOLOGY  
PRODUCTS**



Atomes is a Canadian company founded in 1990 by a team of scientists. These professional industrial chemists and Microbiologists have applied their technical knowledge and expertise to the development of products that satisfy the growing needs of public hygiene. They believed that more stringent methods of sanitation control would improve public health protection. Atomes' founders successfully laid the foundations of a dynamic company, an innovator in the field of hygienic products and related services.

« Over 50 years

of Biotechnology expertise »



Atomes is a dynamic, enthusiastic and professional company that focuses on a single goal: to continuously improve the quality of the environment where our fellow citizens live, work, play, study and receive medical care, with a view to pushing back the frontiers of longevity while respecting the environment.

From its earliest beginnings in research, manufacturing and marketing specialty chemicals for food-processing establishments, Atomes has remained committed to its original philosophy: "**solution provider through innovation**".

With a team of scientists supported by their staff, Atomes

- Develops and manufactures more than 100 chemical and biotechnological specialties for commercial, industrial and institutional markets.
- Develops and manufactures basic chemical surfactants and emulsions, as well as non-pathogenic strains for biotechnological applications.

**Today, the company** is a leader in the chemical and biotechnological hygiene products industry. On the strength of its competent scientists, Atomes offers unparalleled hygiene products and an outstanding ability to meet new challenges.

# Our Services

Across the globe . . .



[www.atomesbio.com](http://www.atomesbio.com)

The marketing of products and services ensues from a highly efficient process of analysis and satisfying the requirements of its clientele, with an emphasis on development of added value, performance and quality in all marketing phases.

A team of Atomes solution professionals harnesses the most advanced scientific and marketing tools and studies to highlight the economic qualities and advantages of Atomes products and services.

Moreover, Atomes has dedicated product line specialists to recruit, train and support its representatives, distributors and commercial partners to ensure that the hygiene programs are implemented efficiently to meet the needs of every clientele.

The company owes its success to customer satisfaction, and is committed to providing you with quality support, products that meet your expectations, and exceptionally rapid delivery, no matter where you are located.

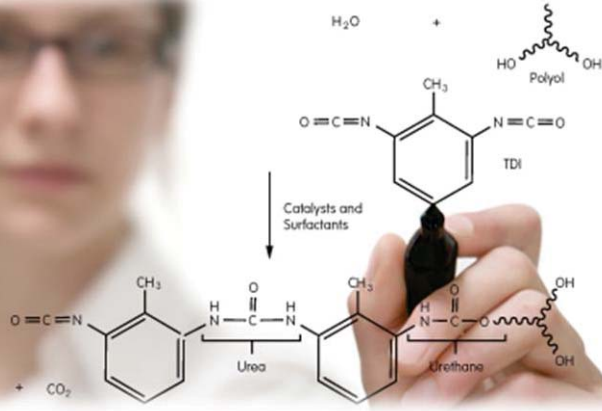
With its consolidated presence through **150+ distributors in 87 countries**, Atomes is a tried, tested and proven supplier of specialty chemicals and biotechnology products.

For more than 27 years of consultation and product supply for pulp and paper mills worldwide, **Atomes** served over 300 + different pulp, tissue and corrugated carton mills.

Atomes distributors, Regional offices and Scientific Bureaux across the Globe include below Areas:

1. Canada.
2. United States of America.
3. Europe.
4. Middle East.
5. Far East.
6. North Africa.





Research and development at Atomes is the primary activity of the firm.

In partnership with prestigious universities and research centers, Atomes can thus fully realize its mission of innovation. The pace of development and continuous improvement of its products allows Atomes to rapidly renew its product lines and thus maintain a major technological edge.

For example, Atomes has approved more than 60 new products from Health Canada and Agriculture Canada (Canadian Food Inspection Agency) over the past four years. The reputation of Atomes in innovation and solution-providing has attracted many customers even at the governmental level.

Research and Development Center "CRDA; Fondation des Gouverneurs" approached the Chief Chemist at Atomes to give seminars on sanitation, methods and alternatives, new biotechnological compounds, etc.

The company serves the following industries:

1. Pulp & paper.
2. Water & Wastewater treatment.
3. Healthcare and Pharmaceuticals.
4. Food & Beverages Processing.
5. Agriculture.
6. Petroleum.
7. Hotel, Commercial and residential.
8. Construction.
9. Aerospace and military

Every year without exception, Atomes registers several breakthroughs, adding more patents to its already impressive list of "**unique-patented**" products. In this respect, Atomes has succeeded in developing eco-friendly products all-while being extremely effective and economic. This is in part due to the highly-concentrated nature, multi-active ingredient and unique formula composition that allow multi-purpose applications by the same product.

*« At your disposal  
for finding  
solutions adapted  
to your needs »*

Quality Control at Atomes is a permanent process aimed at positioning the company above the standards of the industry with respect to formulation, manufacturing, distribution and after-sales service. All aspects of product design, ranging from raw materials to commercialization, are rigorously controlled in order to exceed the prevailing technical standards, attain superior application performance, abide by current regulations and fulfill Atomes environment mission.

Our team consists of highly-trained doctors, engineers, and technicians having substantial hands-on experience and operating within a framework of professionalism, integrity, and goal-oriented management. Our team and our advanced information technology infrastructure (Laubress.com) constitute the backbone of our added-value sales and after-sale (technical support) services.

Atomes supports **Green Chemistry**. Its products are **exclusively biodegradable, environment friendly, non-toxic, non-corrosive, non-harsh and safe to handle.**

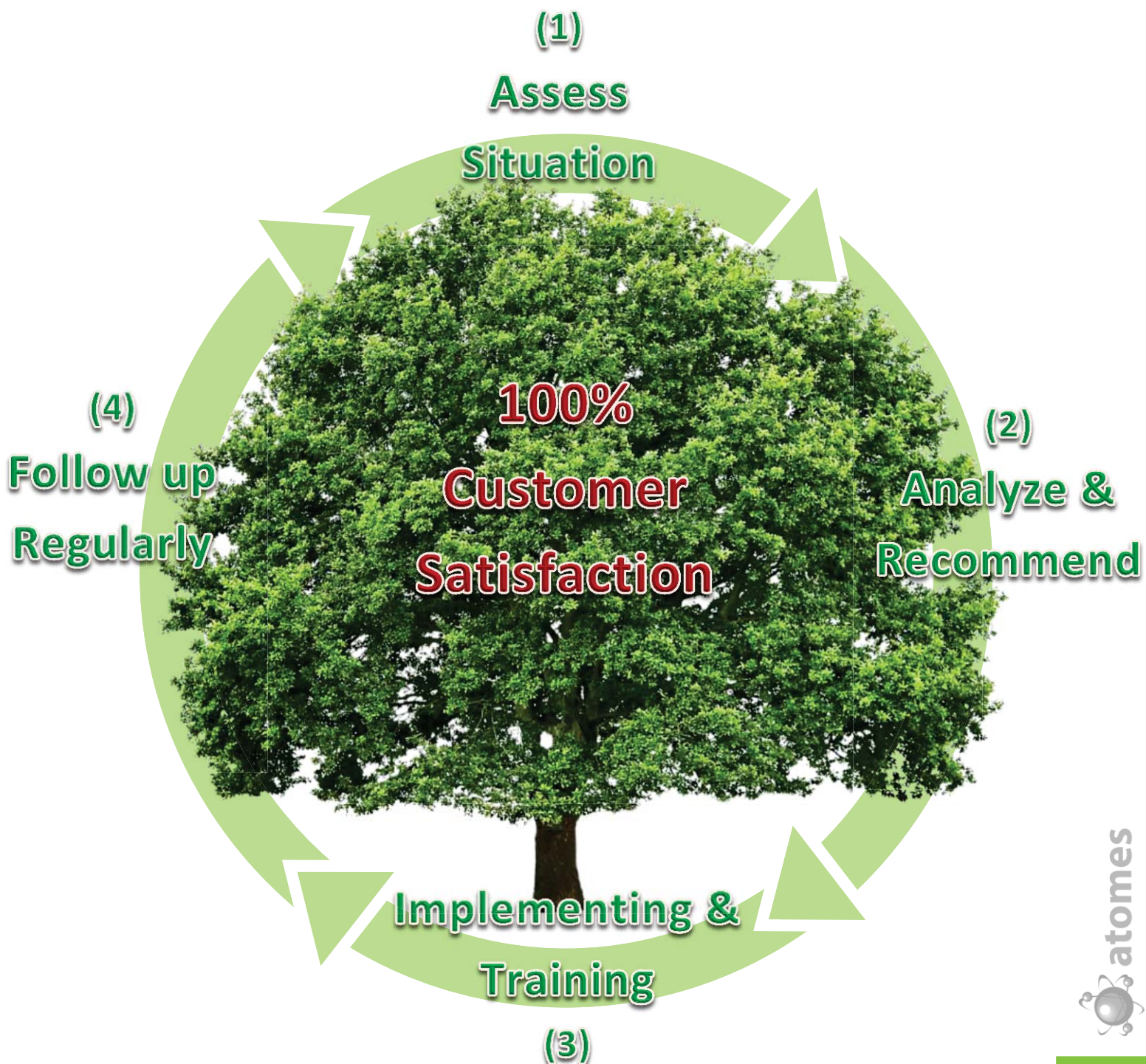
Our products carry a number of certifications and approvals such as, **Drug Establishment License (GMP), Drug Identification Number (DIN), Health of Canada, Agriculture Of Canada, Canadian Food Inspection Agency CFIA, Pesticide Permit EPA, Ministère du Développement durable, Environnement et Parcs – Québec, Eco Seal, EcoLogo, FDA, and CE** etc.

Atomes commitment and contribution in advanced technology research has elevated the form R&D partners of the following private and government institutions:



“Closing the Loop” is **Atomes** modus operandi.

With the goal of guaranteeing 100% customer satisfaction at all times, **Atomes** offers **customized total solutions** based on: comprehensive situational assessment; analysis and product/procedure recommendation taking into account technical, operational, and economic requirements; implementation; education and training; regular follow-up to identify potential for further improvement.



Category

1. Deinking Program for DIP and Non-DIP

Ink Solubilization, Ink Dispersion, Yellowish Reversion Prevention (BCTMP), Brightness Enhancement, Ink Flootation, Pulp Homogenization, FRT (Fas Replacement Technology), Powder PAA

2. Wet Strength Agents

Patented 40%+ concentrated technology with 2 years shelf life, Micropolymer based.  
Patented 100% concentrated powder technology.

3. Functional Promoters

A Unique technology To Cut down wet strength consumption

4. Polymers

Highly concentrated emulsion and powder for floatation process and retention.

5. Biocides and Odor Control Programs

25% concentrated DBNPA and carboxylic acids at pH neutral.  
80'000 ppm Chlorine dioxide patented Liquid Form  
200'000 ppm Chlorine Dioxide patented Powder Form

6. Yankee Coating Programs

highly concentrated Crepe Base, Release and Modifier.

7. Dry Strength

Highly concentrated range of polyamides for dry strength used in tissue and carton paper.

8. Defoamers

Highly concentrated Water based, Ester Based, Oil Based and Silicone Based.

9. Pitch and Stickies Control

Solubilization and neutralization; modification of surface characteristics and prevention of redeposition on fabrics and dryer cans

Category

10. Optical Brightener

Highly concentrated OBA, biotechnology based.

11. Tissue and cartons bulk  
& Softening enhancers

Unique and patented technology based on dispersing and charge repulsion technology.

12. Sizing agents

AKD, ASA, Rosin, Synthetic Emulsifiers

13. Antiscalant, ROs, Boiler &  
Steam Treatment Chemicals

Full range of water treatment chemicals. All IWT chemicals are unique and patented

14. Colorants and Dyes

A full range of dyes tailor made.



